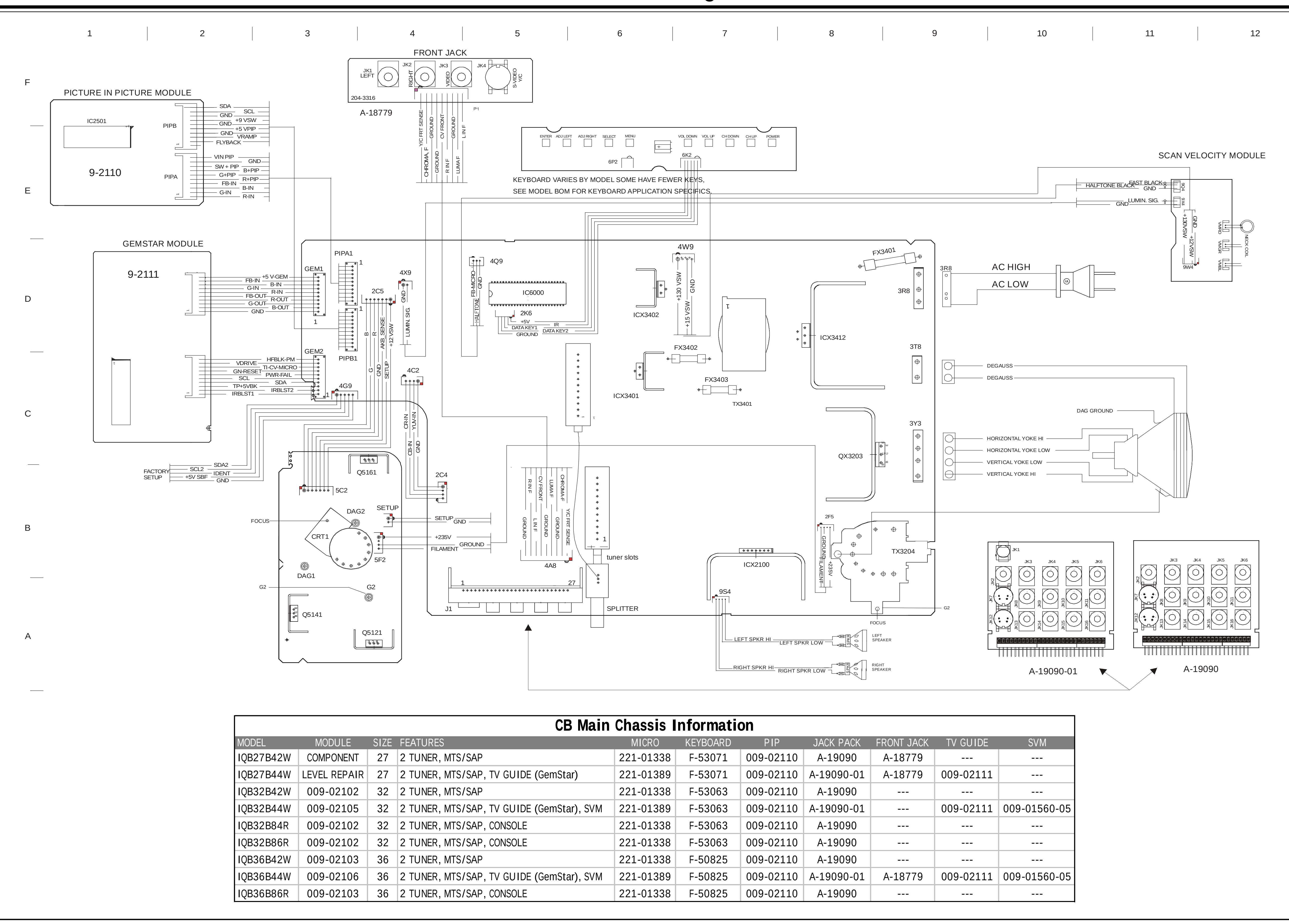
Interconnect Diagram

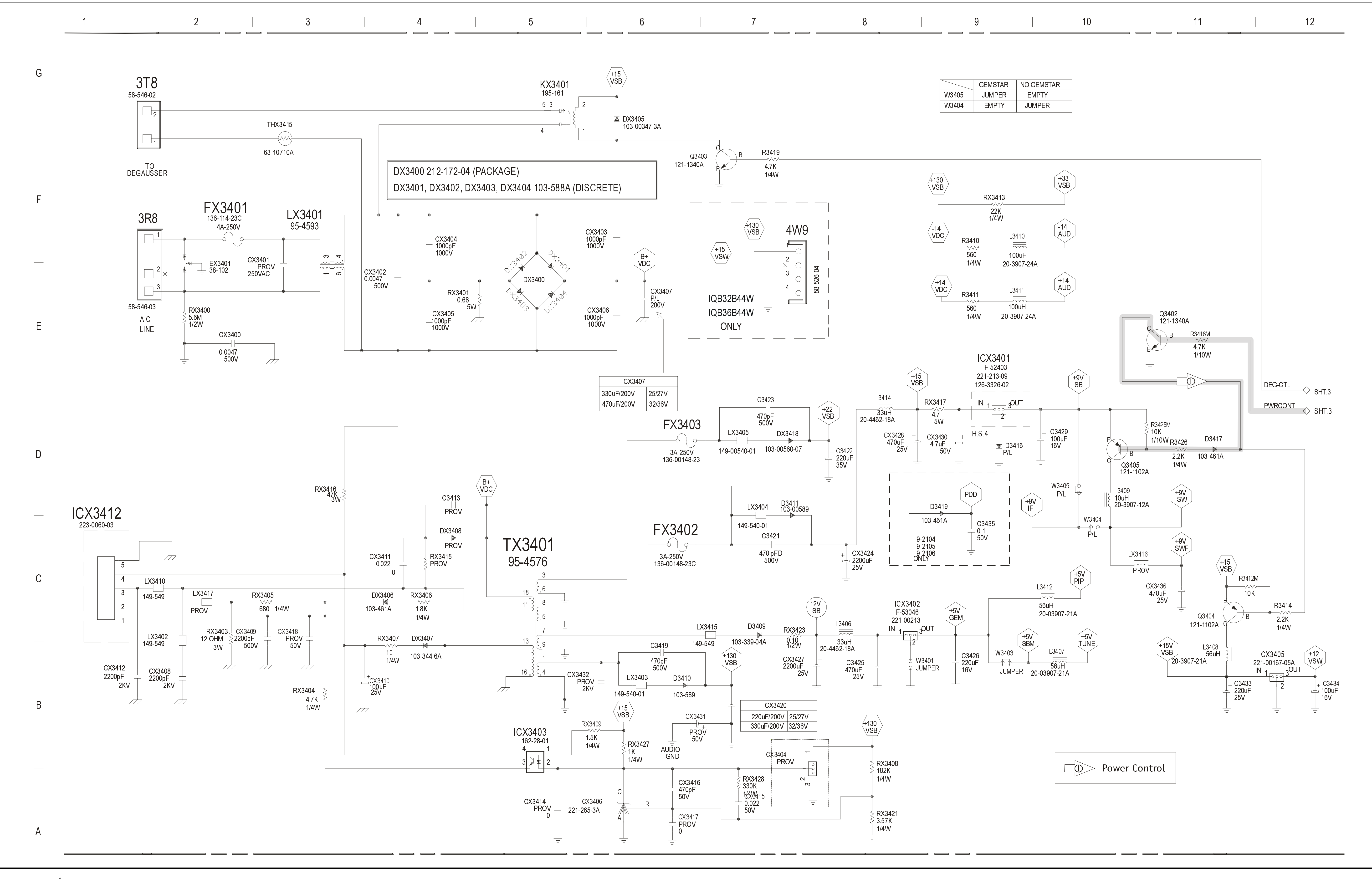


CB Main Chassis Information

MODEL	MODULE	SIZE	FEATURES	MICRO	KEYBOARD	PIP	JACK PACK	FRONT JACK	TV GUIDE	SVM
IQB27B42W	COMPONENT	27	2 TUNER, MTS/SAP	221-01338	F-53071	009-02110	A-19090	A-18779	---	---
IQB27B44W	LEVEL REPAIR	27	2 TUNER, MTS/SAP, TV GUIDE (GemStar)	221-01389	F-53071	009-02110	A-19090-01	A-18779	009-02111	---
IQB32B42W	009-02102	32	2 TUNER, MTS/SAP	221-01338	F-53063	009-02110	A-19090	---	---	---
IQB32B44W	009-02105	32	2 TUNER, MTS/SAP, TV GUIDE (GemStar), SVM	221-01389	F-53063	009-02110	A-19090-01	---	009-02111	009-01560-05
IQB32B84R	009-02102	32	2 TUNER, MTS/SAP, CONSOLE	221-01338	F-53063	009-02110	A-19090	---	---	---
IQB32B86R	009-02102	32	2 TUNER, MTS/SAP, CONSOLE	221-01338	F-53063	009-02110	A-19090	---	---	---
IQB36B42W	009-02103	36	2 TUNER, MTS/SAP	221-01338	F-50825	009-02110	A-19090	---	---	---
IQB36B44W	009-02106	36	2 TUNER, MTS/SAP, TV GUIDE (GemStar), SVM	221-01389	F-50825	009-02110	A-19090-01	A-18779	009-02111	009-01560-05
IQB36B86R	009-02103	36	2 TUNER, MTS/SAP, CONSOLE	221-01338	F-50825	009-02110	A-19090	---	---	---

CRITICAL SAFETY COMPONENTS ARE IDENTIFIED BY THE LETTER “X“ IN THEIR COMPONENT DESIGNATORS. REPLACE ONLY WITH PART NUMBERS SPECIFIED.

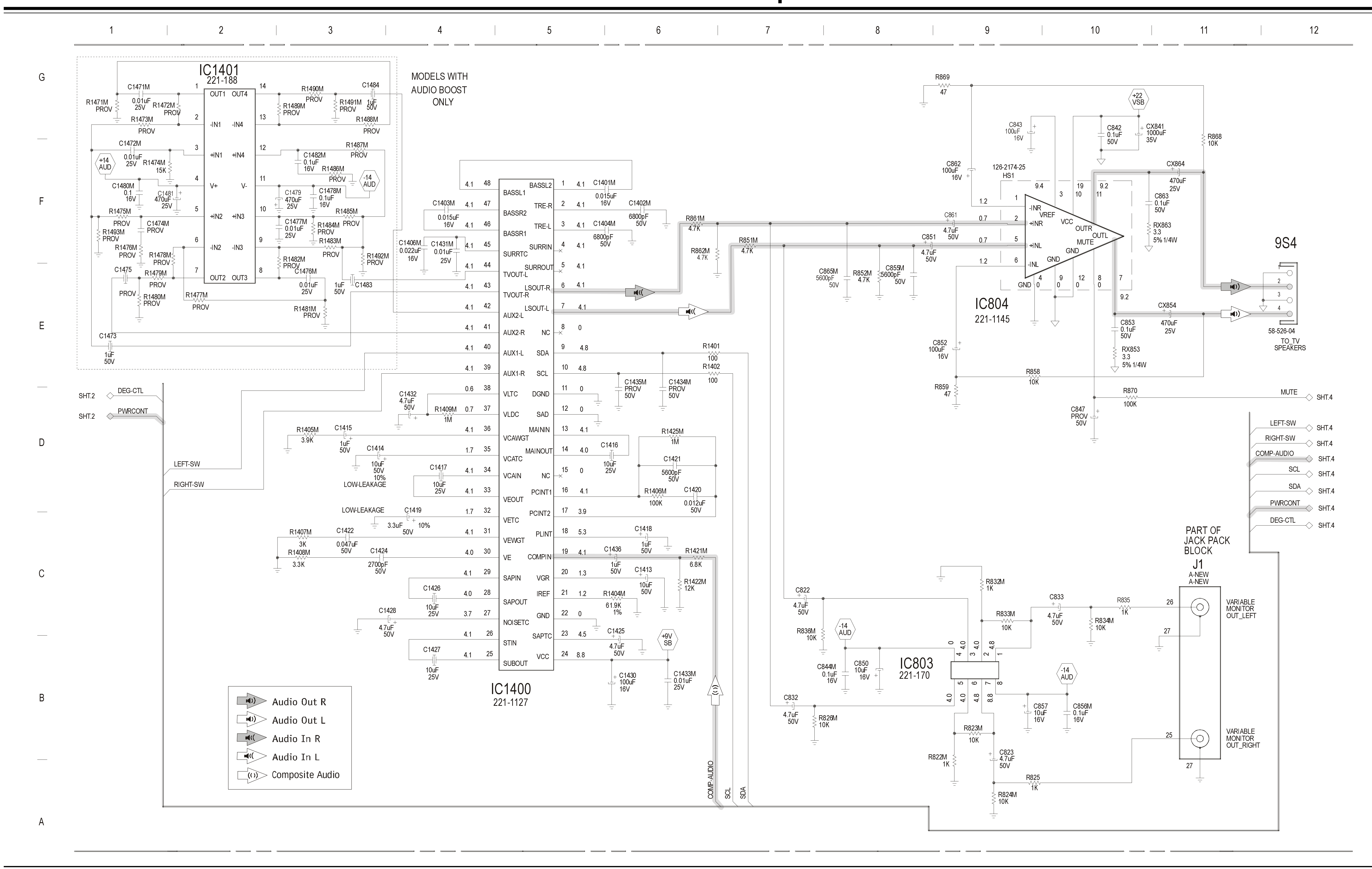
ALL SYMBOLS WITH “M” ON END OF DESIGNATOR INDICATE SURFACE MOUNTED COMPONENT



CRITICAL SAFETY COMPONENTS ARE IDENTIFIED BY THE LETTER "X" IN THEIR COMPONENT DESIGNATORS. REPLACE ONLY WITH PART NUMBERS SPECIFIED.

ALL SYMBOLS WITH "M" ON END OF DESIGNATOR INDICATE SURFACE MOUNTED COMPONENT

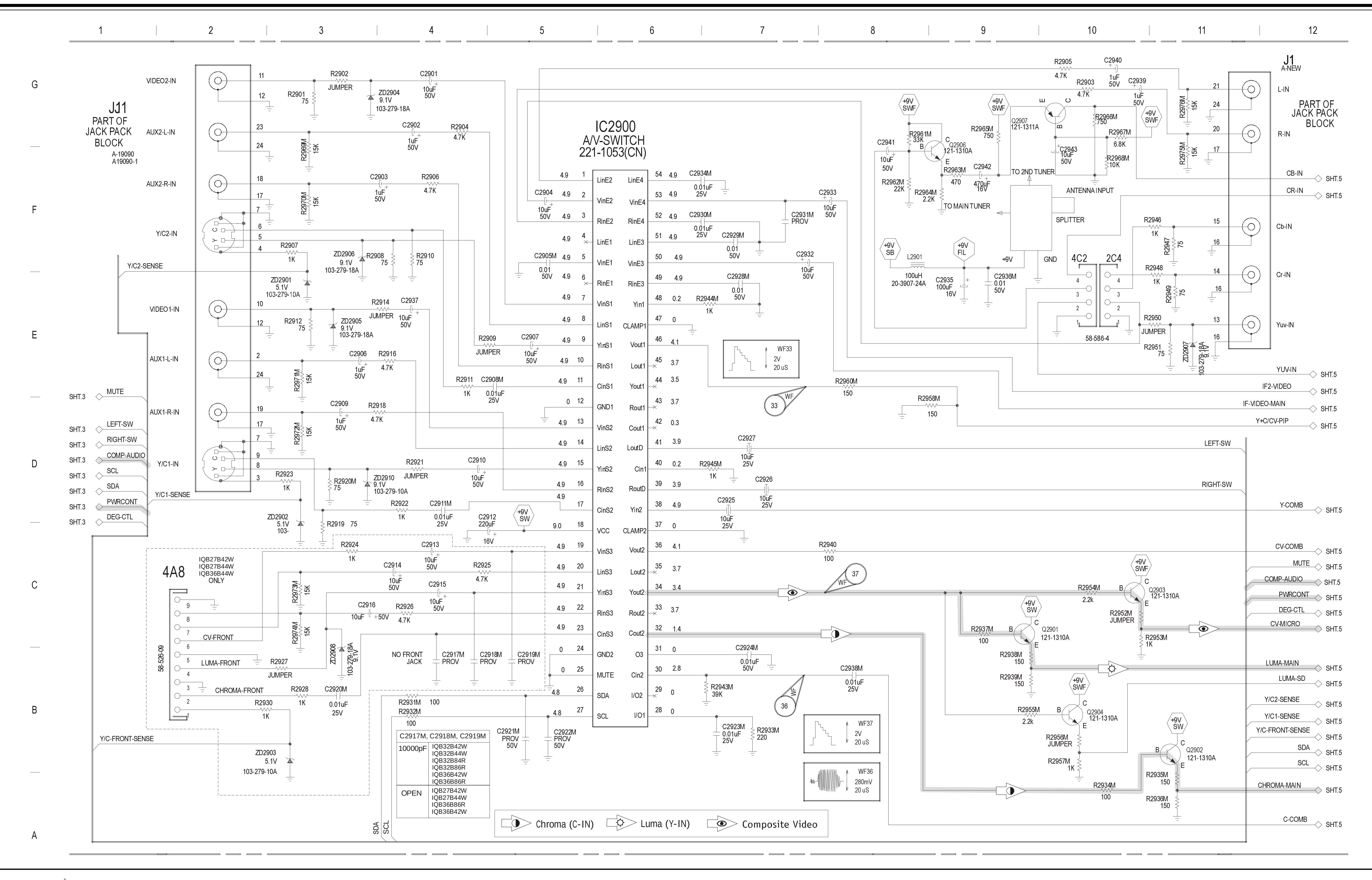
Audio Processor and Amplifier



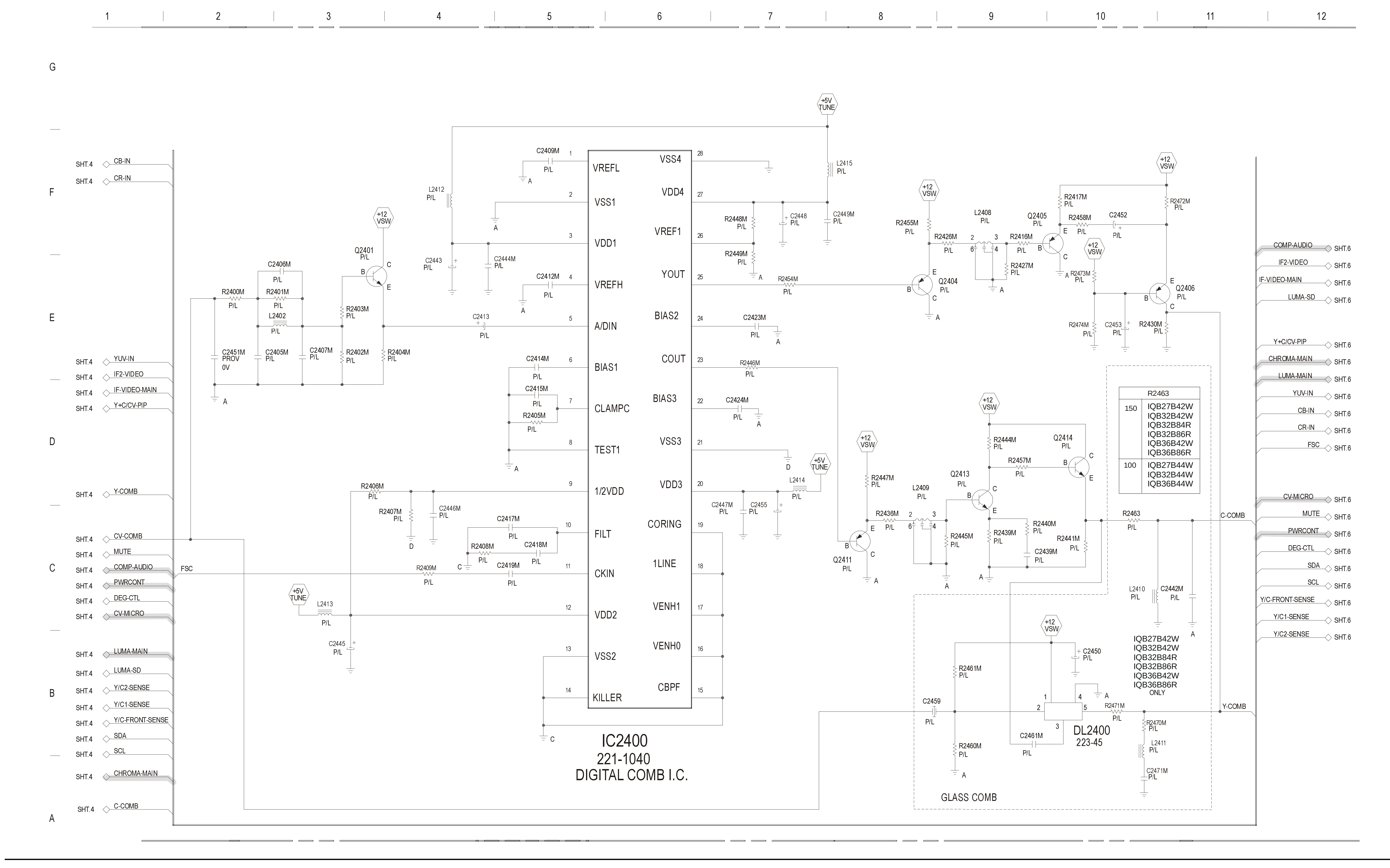
CRITICAL SAFETY COMPONENTS ARE IDENTIFIED BY THE LETTER "X" IN THEIR COMPONENT DESIGNATORS. REPLACE ONLY WITH PART NUMBERS SPECIFIED.

ALL SYMBOLS WITH "M" ON END OF DESIGNATOR INDICATE SURFACE MOUNTED COMPONENT

Jack and Switch Circuit



Digital Comb Filter



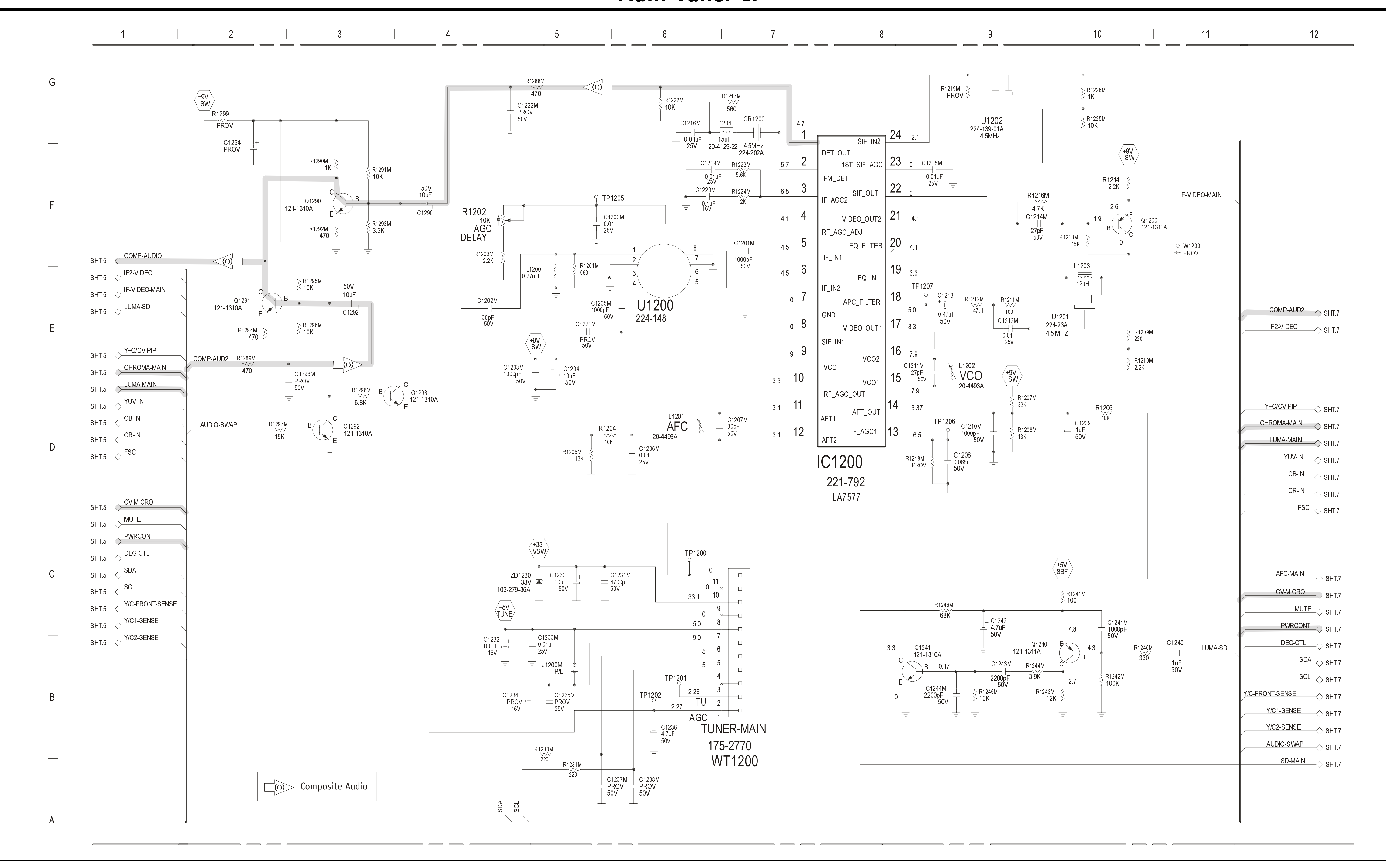
R2463	
150	IQB27B42W IQB32B42W IQB32B84R IQB32B86R IQB36B42W IQB36B86R
100	IQB27B44W IQB32B44W IQB36B44W

IQB27B42W
IQB32B42W
IQB32B84R
IQB32B86R
IQB36B42W
IQB36B86R
ONLY

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ALL SYMBOLS WITH "M" ON END OF DESIGNATOR INDICATE SURFACE MOUNTED COMPONENT

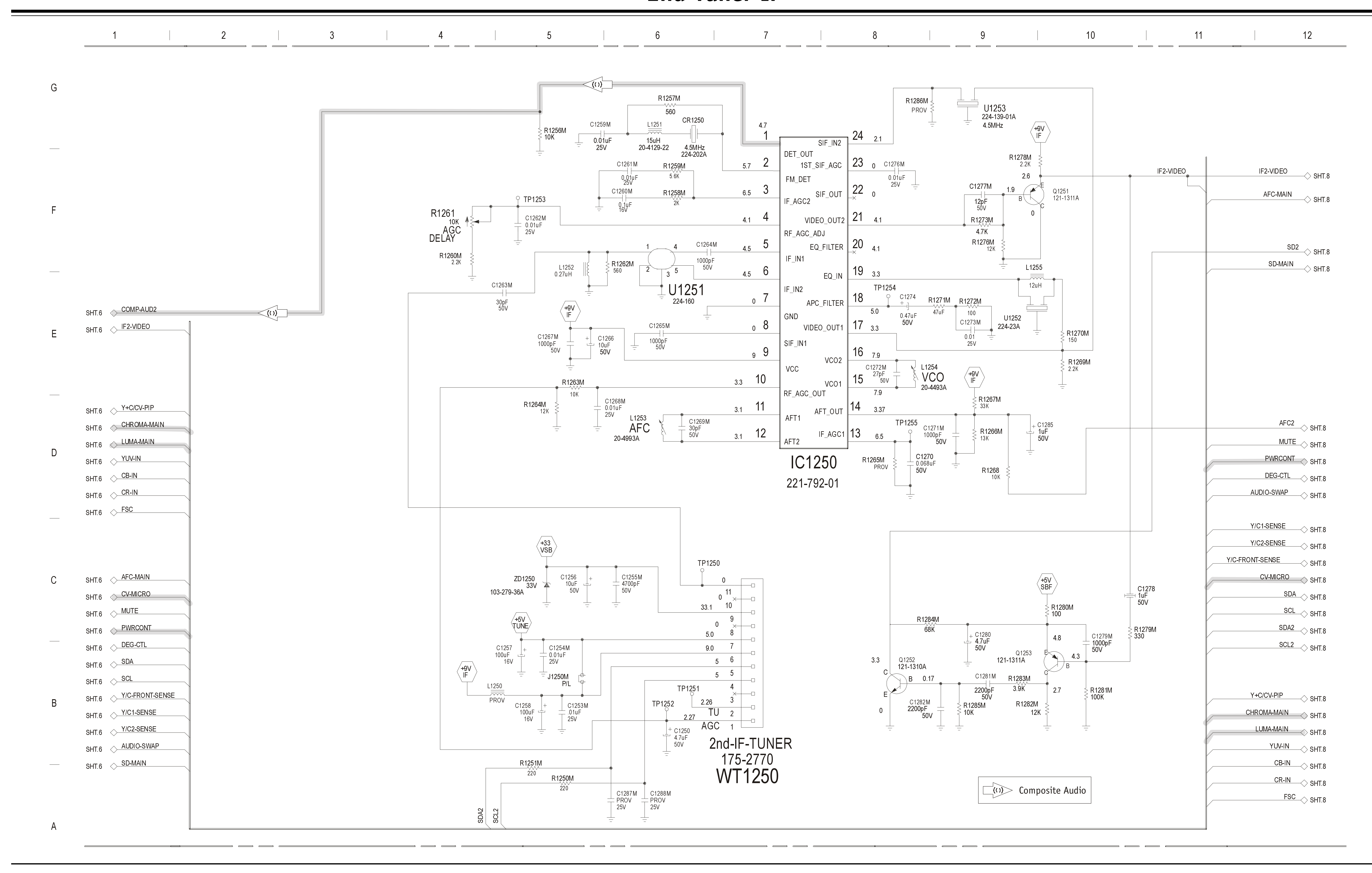
Main Tuner IF



CRITICAL SAFETY COMPONENTS ARE IDENTIFIED BY THE LETTER "X" IN THEIR COMPONENT DESIGNATORS. REPLACE ONLY WITH PART NUMBERS SPECIFIED.

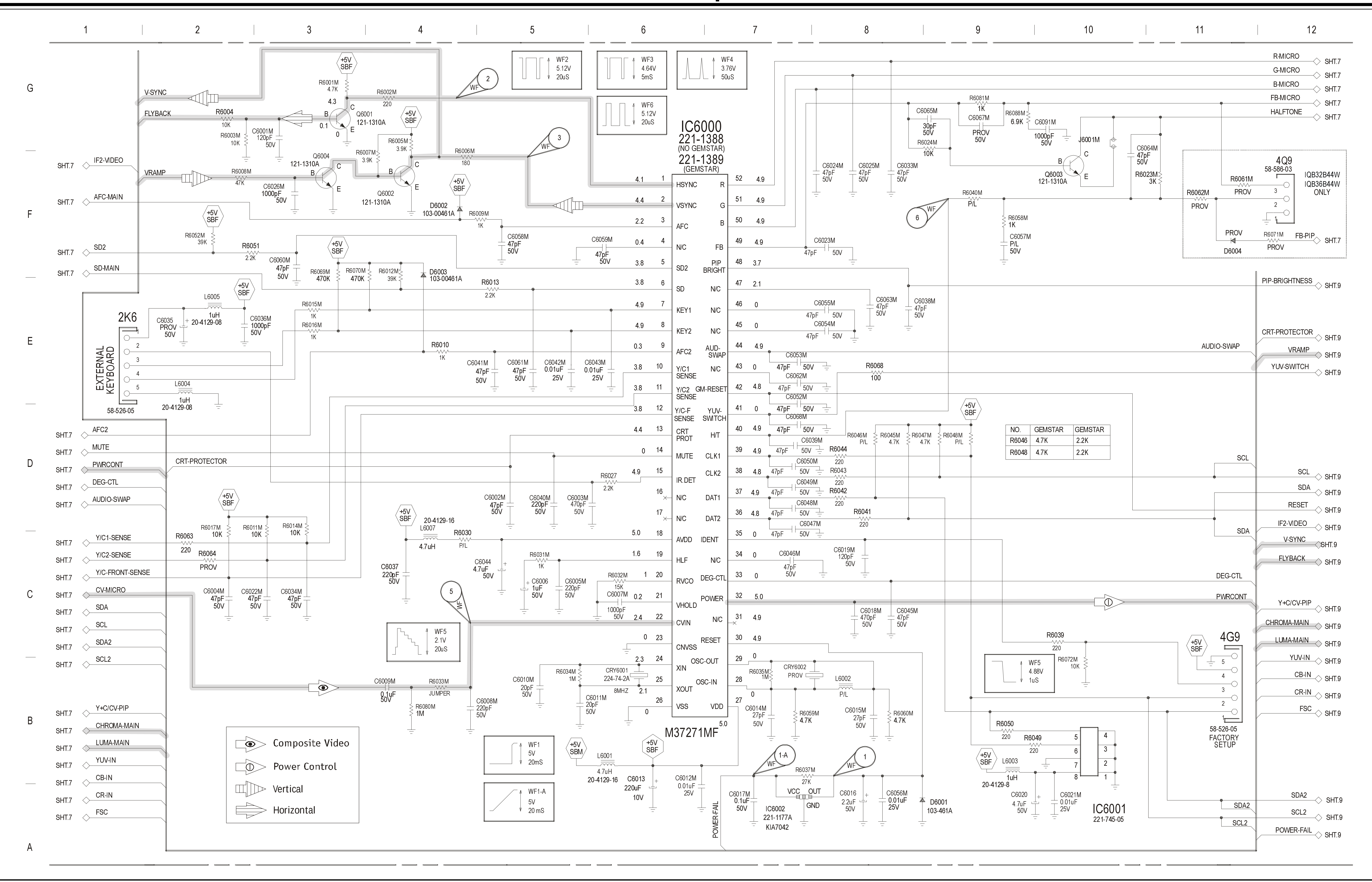
ALL SYMBOLS WITH "M" ON END OF DESIGNATOR INDICATE SURFACE MOUNTED COMPONENT

2nd Tuner IF

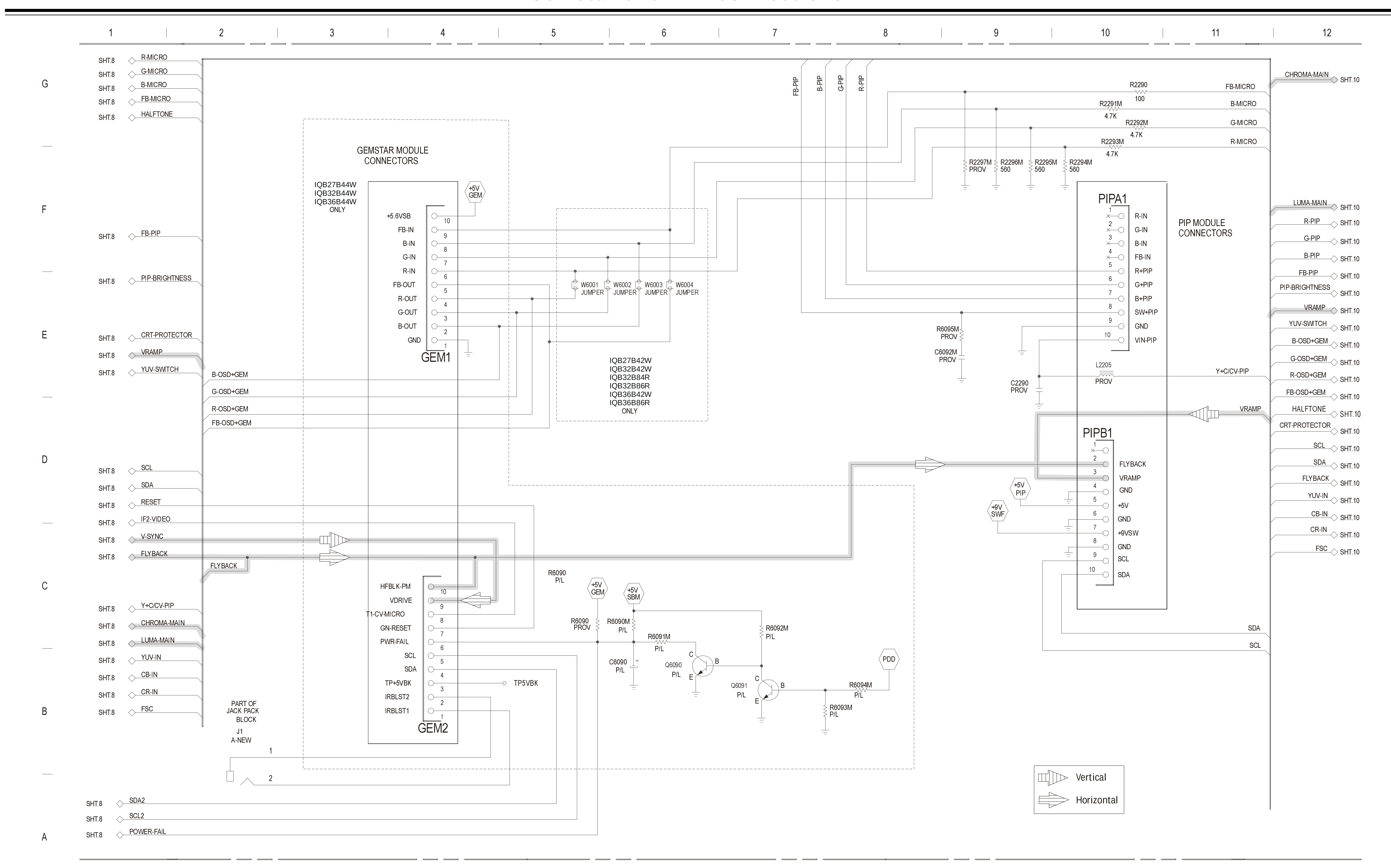


CRITICAL SAFETY COMPONENTS ARE IDENTIFIED BY THE LETTER "X" IN THEIR COMPONENT DESIGNATORS. REPLACE ONLY WITH PART NUMBERS SPECIFIED.

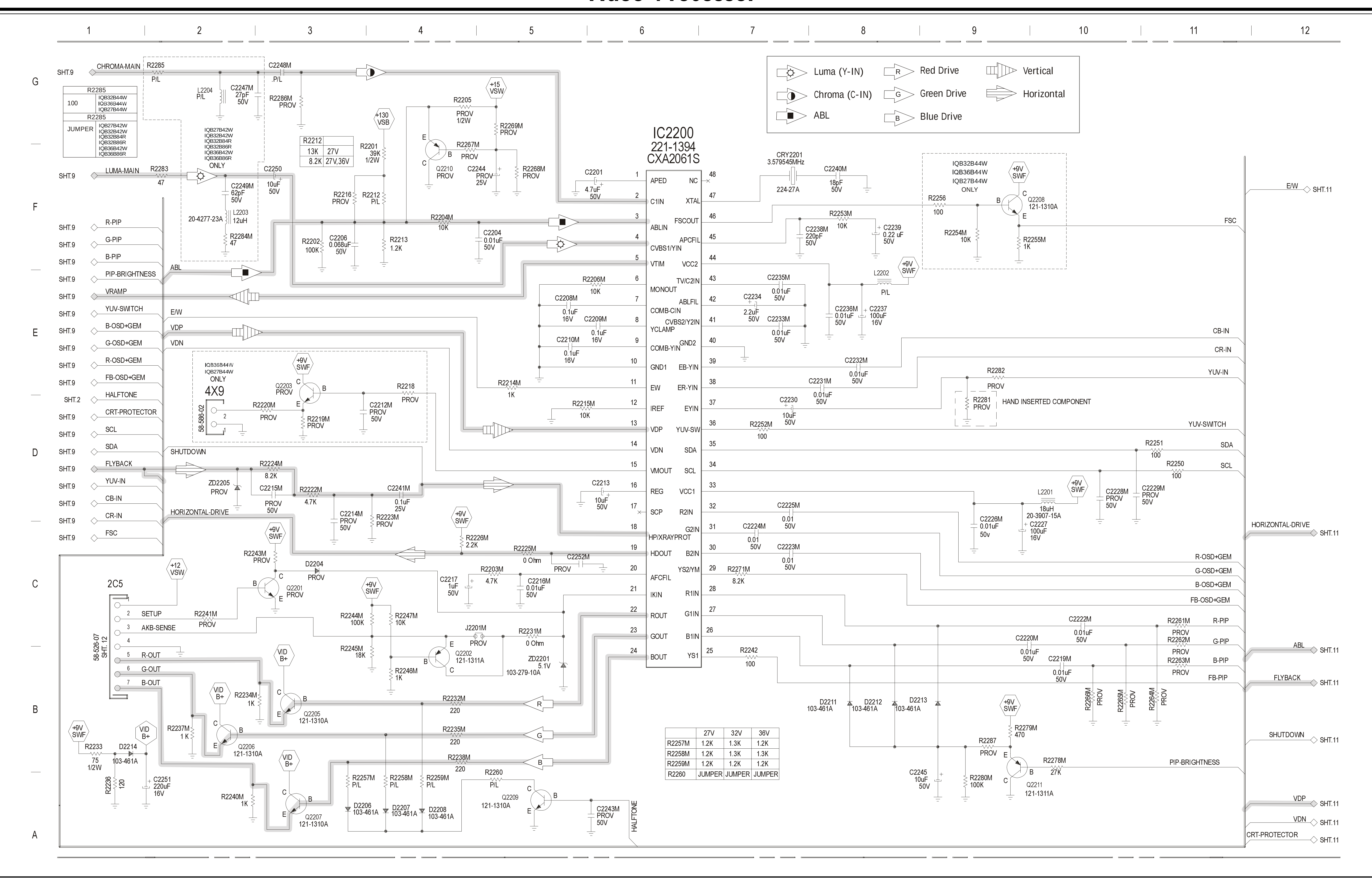
ALL SYMBOLS WITH "M" ON END OF DESIGNATOR INDICATE SURFACE MOUNTED COMPONENT


IC6000
221-1388
(NO GEMSTAR)
221-1389
(GEMSTAR)
M37271MF
IC6001
221-745-05
IC6002
221-1177A
KIA7042
EXTERNAL KEYBOARD
2K6
58-526-05
4Q9
58-586-03
IQB32B44W
IQB36B44W
ONLY
4G9
58-526-05
FACTORY SETUP
Composite Video
Power Control
Vertical
Horizontal
NO.	GEMSTAR	GEMSTAR
R6046	4.7K	2.2K
R6048	4.7K	2.2K

Gemstar and PIP Connections



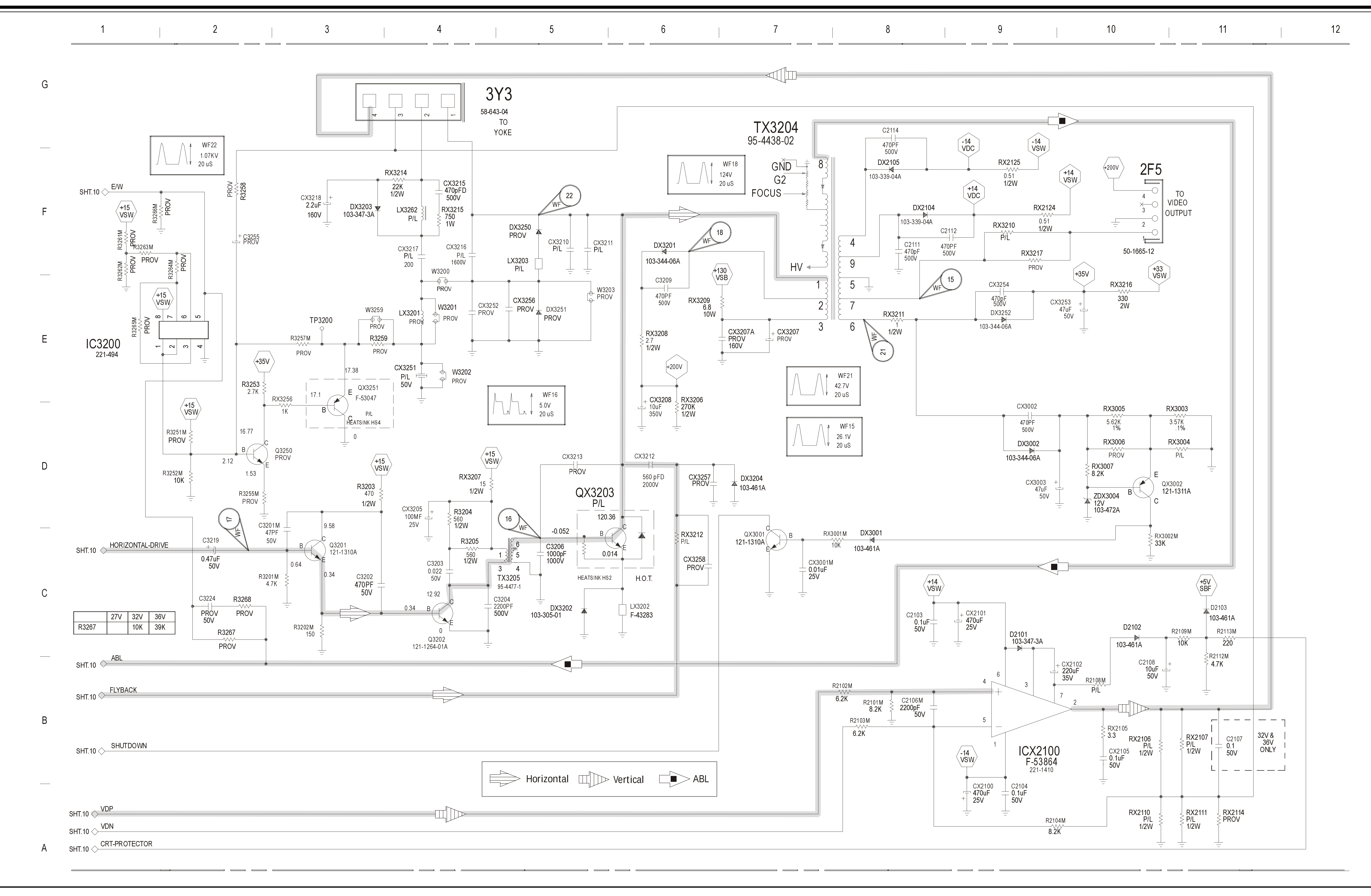
Video Processor



CRITICAL SAFETY COMPONENTS ARE IDENTIFIED BY THE LETTER "X" IN THEIR COMPONENT DESIGNATORS. REPLACE ONLY WITH PART NUMBERS SPECIFIED.

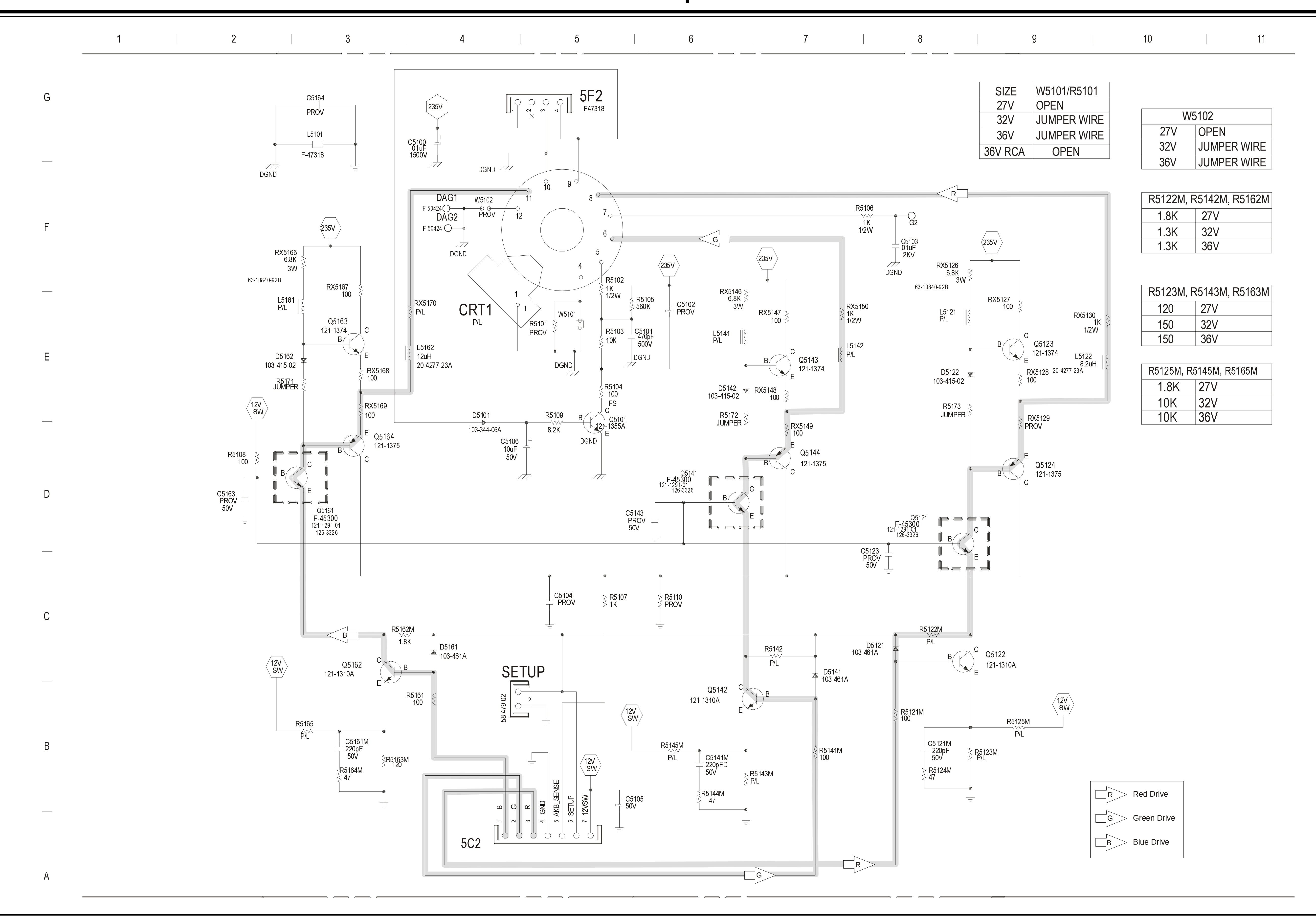
ALL SYMBOLS WITH "M" ON END OF DESIGNATOR INDICATE SURFACE MOUNTED COMPONENT

Horizontal/Vertical Deflection



	27V	32V	36V
R3267		10K	39K

Video Output



SIZE	W5101/R5101
27V	OPEN
32V	JUMPER WIRE
36V	JUMPER WIRE
36V RCA	OPEN

W5102	
27V	OPEN
32V	JUMPER WIRE
36V	JUMPER WIRE

R5122M, R5142M, R5162M	
1.8K	27V
1.3K	32V
1.3K	36V

R5123M, R5143M, R5163M	
120	27V
150	32V
150	36V

R5125M, R5145M, R5165M	
1.8K	27V
10K	32V
10K	36V